



10/14/04

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PATENT
Attorney Docket No. 030557

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Gladysz, et al. : Title: RECOVERY METHOD FOR
Group Art Unit: 1621 : CATALYSTS, REAGENTS AND
Serial No.: 10/664,105 : CO-PRODUCTS
Filing Date: September 17, 2003 :

INFORMATION DISCLOSURE STATEMENT

Pittsburgh, Pennsylvania 15222
October 13, 2004

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
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Sir:

Applicants, in accordance with their duty of disclosure pursuant to 37 C.F.R. § 1.56, hereby advise the United States Patent and Trademark Office of the references listed on the accompanying form PTO/SB/08A (substitute for 1449A/PTO) *Information Disclosure Statement by Applicant.*

Applicants note that although the cited references may be relevant to the examination of the above-referenced application, under 37 C.F.R. § 1.97(h), the filing of this *Information Disclosure Statement* "shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in § 1.56(b)."

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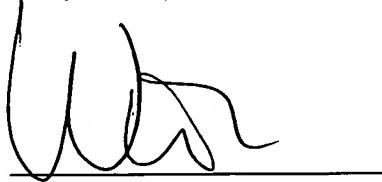
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Applicants further note that the filing of this *Information Disclosure Statement by Applicant* is not an admission that the references cited herein constitute prior art under 35 U.S.C. §§ 102-103 with respect to the captioned application.

Pursuant to 37 C.F.R. § 1.97(b)(1), Applicants submit that no fee is necessary for consideration of this *Information Disclosure Statement by Applicant*. Nevertheless, the Commissioner is hereby authorized to charge any additionally required fees deemed necessary for consideration of this *Information Disclosure Statement by Applicant* to Account No. 11-1110.

Respectfully submitted,



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PTO/SB/08A (10-01)

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Substitute for form 1449A/PTO				<i>Complete if Known</i>	
				Application Number	10/664,105
				Filing Date	September 17, 2003
				First Named Inventor	Gladysz
				Art Unit	1621
				Examiner Name	
(use as many sheets as necessary)					
Sheet	1	of	3	Attorney Docket Number	030557

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				Examiner Name	
Sheet	2	of	3	Attorney Docket Number	030705

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		T ²
		I.T. Horvath, J. Rabai; "Facile catalyst separation without water: Fluorous biphasic hydroformylation of olefins", <i>Science</i> 1994, 266, 72-75.		
		N.D. Danielson, L.G. Beaver, J. Wangsa; "Fluoropolymers and fluorocarbon bonded phases as column packings for liquid chromatography", <i>Journal of Chromatography</i> 1991, 544, 187-199.		
		D.P. Curran; "Fluorous Techniques for Synthesis of Organic Molecules: A Unified Strategy for Reaction and Separation", <i>Stimulating Concepts in Chemistry</i> ; F. Vögtle, J.F. Stoddardt and M. Shibasaki, Ed.; Wiley-VCH: New York, 2000; pp 25.		
		D.P. Curran; "Fluorous reverse phase silica gel. A new tool for preparative separations in synthetic organic and organofluorine chemistry", <i>Synlett</i> 2001, 1488-1496.		
		K. Ishihara, S. Kondo, H. Yamamoto; "3,5-Bis (Perfluorodecyl) phenylboronic acid as an easily recyclable direct amide condensation catalyst", <i>Synlett</i> 2001, 1371-1374.		
		D.E. Bergbreiter, J.G. Franchina; "A Soluble Fluorous Phase Polymer Support", <i>Chemical Communications</i> , 1997, 1531-1532.		
		D.E. Bergbreiter, P.L. Osburn, A. Wilson, E.M. Sink; "Palladium-Catalyzed C-C Coupling under Thermomorphic Conditions", <i>Journal of the American Chemical Society</i> , 2000, 122, 9058-9064.		
		K. Olofsson, S.Y. Kim, M. Larhed, D.P. Curran, A. Hallberg; "High-speed, highly fluorous organic reactions", <i>Journal of Organic Chemistry</i> , 1999, 64, 4539-4541.		

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		K. Mikami, Y. Mikami, Y. Matsumoto, J. Nishikido, F. Yamamoto, H. Nakajima; "Lewis acid catalysis by lanthanide complexes with tris(Perfluoroctanesulfonyl)methide ponytails in fluorous recyclable phase", <i>Tetrahedron Letters</i> , 2001 42, 289-292.	
		J.N. Xiang, A. Orita, J. Otera; "Fluoroalkyldistannoxane catalysts for transesterification in fluorous biphasic technology", <i>Advanced Synthesis & Catalysis</i> , 2002, 344, 84-90.	

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